

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/577,296
Source: IFWP
Date Processed by STIC: 05/11/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/577,296

TIME: 11:03:09

Input Set : F:\Osha_Liang_07200_076001.txt

Output Set: N:\CRF4\05112006\J577296.raw

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3 <110> APPLICANT: Daiichi Fine Chemical Co., Ltd.
5 <120> TITLE OF INVENTION: Novel plasmids and their uses
7 <130> FILE REFERENCE: FP04-0397
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/577,296
C--> 9 <141> CURRENT FILING DATE: 2006-04-28
9 <150> PRIOR APPLICATION NUMBER: JP 2003-373476
10 <151> PRIOR FILING DATE: 2003-10-31
12 <160> NUMBER OF SEQ ID NOS: 100
14 <170> SOFTWARE: PatentIn version 3.1
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17 <211> LENGTH: 279
18 <212> TYPE: DNA
19 <213> ORGANISM: Rhodococcus erythropolis
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23 <223> OTHER INFORMATION: 202bp to 480bp pRET1100
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31 gaaggccggc agattatgcg atgcgacttt gtcggcgagt acgggagata tgcgcgagcc      180
33 atcgagtctt cggatctgcg ttttctcgcc accctccagc aagaccaggc ccaacgcgaa      240
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39 <211> LENGTH: 243
40 <212> TYPE: DNA
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44 <221> NAME/KEY: misc_feature
45 <223> OTHER INFORMATION: 238bp to 480bp pRET1100
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53 gagtacggga gatatgcgcg agccatcgag tcttcggatc tgcgttttct cgccaccctc      180
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67 <223> OTHER INFORMATION: 337bp to 480bp pRET1100
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75 ttcggtgtgg tggatccgtc atga                                           144
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84 <221> NAME/KEY: misc_feature
85 <223> OTHER INFORMATION: 477bp to 758bp pRET1100
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93 gacctgctca cgggtgaagga gactgcgggg ctgctgagag tcagtcaggc aactctttac      180
95 cggctgcttc ggagtgggga aggaccacaca tacacacgga tcggtggaca gatacgcggt      240
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115 gcgcggcacg cgcttgggct tgttacatct gccacaactg tccgtgaatc tctgccagct      180
117 cctgaaacgc ctggtcaggg ccttgcgga tccgtgaccg ctgatgattt ttggtctcat      240
119 tcgttcccc gcgctgacga tgtacgcggc gcagctgctt ccttccagtc ggtggctaac      300
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129 tctgcggaga gggaaatagt gggctggtct gctcgttctc ggtcacggat gatcttgca      600
131 atggcagaac tcgactgggc tcccatgatg gatttgccgg gcattcctgc gatggtgacc      660
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147 cgagggtcag atccgaaaag gcttgcggtg tactttctcca agcatggaac ctttgccgac      1140
149 aaggaatatc agcacgtagt tcttgcctca tggcagaaaa cgggtgcggg acctggcagg      1200
151 ttctggggct accgcggttt gtcgcgggcc acggctgcca ccgagatttc ctgggatgag      1260
153 tacctgcttt tatctcgcac gttgcgacga ttgtcagcgc gaacgaagat ctgggacccg      1320
155 gctttacgag gcggtagcgg cggccacaga tggactaagg cgatgatgcg acgcacgggt      1380
157 acccggcacc gcttgacct cgtagccggt gagattctgg gcacgaagac gcggaagggt      1440
159 cgggcgccag tgaagaggtt tgtccggact tcgggatacc tgtgtgtcaa tgacggggcc      1500

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167 <213> ORGANISM: Rhodococcus erythropolis
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <223> OTHER INFORMATION: 1294bp to 2409bp pRET1100
174 <400> SEQUENCE: 6
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179 gaaatagtgg gctgggtctgc tcgttctcgg tcacggatga tcttgcaaat ggcagaactc      180
181 gactgggctc ccatgatgga ttgcccgggc attcctgcga tggtgaccct cacctatccg      240
183 ggggactggc ttacggttgc ccccaccggc gctgagggtca aaaaacatct ccagacgttc      300
185 ttcaaacggt tccaacgggc ctggggcatt gcctggatgg gtgcgtggaa aatggagttc      360
187 caaagccgag gcgctccgca ttttcacctg tacatggtcc ctctcatgg gaaggcagga      420
189 gactcgcgga agctcgggca tgatgctgag ctcttgaaat gggagatagc acgtgcagag      480
191 ggtgaagacc caggtcgcag gccgtatttc cgggaagctc caagcgatgg attgaagttt      540
193 cgtccgtggc tttctgcggt gtgggcccgc gtcgtagatc atccggaccc caaggaaaaa      600
195 gaaaagcacg tcagtgcggg cactggagtg gactacgcgg agggcacgcg agggtcagat      660
197 ccgaaaaggc ttgcggtgta cttctccaag catggaacct ttgccgacaa ggaatatcag      720
199 cacgtagttc ctgctcaatg gcagaaaacg ggtgcgggac ctggcaggtt ctggggctac      780
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207 ttggacctcg tgaccggtga gattctgggc acgaagacgc ggaagggttc ggcgccagtg      1020
209 aagaggtttg tccggacttc gggatacctg tgtgtcaatg acgggcccgc actggctcga      1080
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229 gtcaaaaaac atctccagac gttcttcaaa cggttccaac gggcctgggg cattgcctgg      180
231 atgggtgcgt ggaaaatgga gttccaaagc cgaggcgctc cgcattttca cctgtacatg      240
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237 gctccaagcg atggattgaa gtttcgtccg tggctttctg cgggtgtggc cgacgtcgta      420
239 gatcatccgg accccaagga aaaagaaaag cagctcagtg ccggcactgg agtggactac      480
241 gcggagggca cgcgagggtc agatccgaaa aggcttgccg tgtacttctc caagcatgga      540
243 acctttgccg acaaggaata tcagcacgta gttcctgctc aatggcagaa aacgggtgcg      600
245 ggacctggca ggttctgggg ctaccgcggt ttgtgcgcgg ccacggctgc caccgagatt      660
247 tcctgggatg agtacctgct tttatctcgc acgttgcgac gattgtcagc gcgaacgaag      720
249 atctgggacc cggctttacg aggcggtagc ggcggccaca gatggactaa ggcgatgatg      780

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273 ctccagacgt tcttcaaacg gttccaacgg gcctggggca ttgcctggat ggggtgcgtgg      180
275 aaaatggagt tccaaagccg aggcgctccg cattttcacc tgtacatggt ccctcctcat      240
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279 gcacgtgcag aggggtgaaga ccaggtcgc aggcggtatt tccgggaagc tccaagcgat      360
281 ggattgaagt ttcgtccgtg gctttctcgg gtgtggggcc acgtcgtaga tcatccggac      420
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331 gctcaatggc agaaaacggg tgcgggacct ggcaggttct ggggctaccg cggtttgtcg      600
333 cgggccacgg ctgccaccga gatttctctg gatgagtacc tgcttttatc tcgcacgttg      660
335 cgacgattgt cagcgcgaac gaagatctgg gaccgggtt tacgaggcgg tagcggcggc      720
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348 <212> TYPE: DNA
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377 gccacggctg ccaccgagat ttctctgggag gatgacctgc ttttatctcg cacgttgcca 660
379 cgattgtcag cgcgaacgaa gatctgggac ccggctttac gaggcggtag cggcgccac 720
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423 tgggacccgg ctttacgagg cggtagcggc ggccacagat ggactaaggc gatgatgcga 720
425 cgcacggtta cccggcaccg cttggacctc gtgaccggtg agattctggg cacgaagacg 780
427 cggaaggttc gggcgccagt gaagaggttt gtccggactt cgggatacct gtgtgtcaat 840
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100

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L:9 M:270.C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date